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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/937,979	01/23/2002	Stuart Speakman	M0274/7029	8937

23628 7590 10/26/2004

WOLF GREENFIELD & SACKS, PC  
FEDERAL RESERVE PLAZA  
600 ATLANTIC AVENUE  
BOSTON, MA 02210-2211

EXAMINER

PADGETT, MARIANNE L

ART UNIT PAPER NUMBER

1762

DATE MAILED: 10/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER
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ART UNIT	PAPER
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20041020

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Commissioner for Patents

The IDS of 7/30/04 is made of record. The Speakman references do not employ radiation to affect the coalescence of their droplets in the operating zone defined by the claims.

The Nakamura et al translation indicates on p.3 that UV rays are applied immediately after discharge from the ink jet head to the ink to increase the viscosity by starting curing. Page 4 indicates that radiation is continued after deposition to complete the cure. While this procedure relates to applicant's controlling of coalescence of the droplet by radiation, the Japanese reference's irradiation process is to enable printing on plain paper with low viscosity ink, but all independent claims of the present case are directed to different uses, i.e. making masking or spacer or relief patterns or circuit patterns with filling of via holes. The claimed control of solidity has purposes & effects different than when printing on paper, with structural implications not present in Nakamura's printing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marianne L. Padgett whose telephone number is (571) 272-1425. The examiner can normally be reached on M-F from about 8:30 a.m. to 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shrive Beck, can be reached on (571) 272-1415. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MLP 10/20/04

PTO - 1449 7/30/04  
attached

MARIANNE PADGETT  
PRIMARY EXAMINER